

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("5732330"   "6208875"   "6584304").PN.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L2	0	mixer and amplif\$6 and ooscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L3	33416	mixer and amplif\$6 and ooscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L4	10739	L3 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L5	2344	L4 and (frequency near2 synthesiz\$3)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L6	689	455/76.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L7	101	455/85.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L8	315	455/86.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L9	124	455/87.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L10	544	455/118.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L11	121	455/147.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L12	75	455/148.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L13	173	455/165.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L14	287	455/183.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L15	1017	455/323.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L16	450	455/324.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

L17	10	("20010021662"   "20060025100"   "20060223483"   "4470147"   "4731796"   "6091963"   "6335952"   "6397044"   "6480709"   "6735422").PN.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L18	2877	L7 L8 L9 L10 L11 L12 L13 L14 L15 L16	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L19	1608	L3 and L18	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L20	1	10/572,725.app.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L21	3468	(baseband same (direct near conver\$5)) (zero near (if (intermediate near frequency)))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L22	33416	mixer and amplif\$6 and oscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L23	10739	L22 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L24	2344	L23 and (frequency near2 synthesiz\$3)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L25	366	L21 and L24	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L26	22968	amplifier same (input near2 (impedence resist \$6))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L27	111	L26 and L21	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L28	2137	lc near tank	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L29	292	L28 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L30	240664	L28 (oscillator)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L31	4034	L30 with (digital near2 (adjust\$3 tun\$3 control \$4 var\$4))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L32	643	L31 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L33	43	L30 with (digital near2 (adjust\$3 tun\$3 control \$4 var\$4) near2 (inductor capacitor))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

L34	507	L30 same (digital\$2 near2 (adjust\$3 tun\$3 control\$4 var\$4) with (inductor capacitor))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L35	96	L34 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L36	3	("5732330"   "6208875"   "6584304").PN.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L37	0	mixer and amplif\$6 and ooscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L38	33416	mixer and amplif\$6 and oscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L39	10739	L38 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L40	2344	L39 and (frequency near2 synthesiz\$3)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L41	689	455/76.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L42	101	455/85.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L43	315	455/86.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L44	124	455/87.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L45	544	455/118.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L46	121	455/147.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L47	75	455/148.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L48	173	455/165.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L49	287	455/183.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L50	1017	455/323.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L51	450	455/324.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

L52	10	("20010021662"   "20060025100"   "20060223483"   "4470147"   "4731796"   "6091963"   "6335952"   "6397044"   "6480709"   "6735422").PN.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L53	2877	L42 L43 L44 L45 L46 L47 L48 L49 L50 L51	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L54	1608	L38 and L53	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L55	1	10/572,725.app.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L56	3468	(baseband same (direct near conver\$5)) (zero near (if (intermediate near frequency)))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L57	33416	mixer and amplif\$6 and oscillator	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L58	10739	L57 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L59	2344	L58 and (frequency near2 synthesiz\$3)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L60	366	L56 and L59	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L61	22968	amplifier same (input near2 (impedence resist \$6))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L62	111	L61 and L56	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L63	2137	lc near tank	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L64	292	L63 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L65	240664	L63 (oscillator)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L66	4034	L65 with (digital near2 (adjust\$3 tun\$3 control \$4 var\$4))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L67	643	L66 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L68	43	L65 with (digital near2 (adjust\$3 tun\$3 control \$4 var\$4) near2 (inductor capacitor))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

L69	507	L65 same (digital\$2 near\$2 (adjust\$3 tun\$3 control\$4 var\$4) with (inductor capacitor))	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L70	96	L69 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L71	1	"6208875".pn.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L72	1	"20040048591".pn.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L73	1	"6072372".pn.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L74	11	("20030114129"   "20050014476"   "4541119"   "5821820"   "5929708"   "5929716"   "6215988"   "6567488"   "6708044"   "6766178"   "6993314").PN.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L75	0	(voltage and controlled and oscillartor and varactor and phase and lock\$3 and transistor\$2 and source and gate). clm.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L76	31	(voltage and controlled and oscillator and varactor and phase and lock\$3 and transistor\$2 and source and gate). clm.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L77	1867	oscillator near4 varactor	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L78	102	oscillator near4 varactor and multiband	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L79	237	oscillator near4 (amp amplifier) and multiband	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L80	150	oscillator near4 (amp amplifier) and multiband and control near4 voltage	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L81	0	455/180.4.ccls. and varactor	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L82	57	455/180.4.ccls. and varactor	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

L83	47	455/180.4.ccls. and varactor and (amp amplifier)	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L84	9	455/180.4.ccls. and varactor and (amp amplifier) and phase near3 locked	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L85	41	varactor and (amp amplifier) same phase near4 locked and multiband	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L86	16	L85 and "455".clas.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L87	41	varactor and (amp amplifier) same phase near4 locked and multiband	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L88	221	(amp amplifier) same (phase near4 locked pll) and multiband	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L89	689	455/76.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L90	101	455/85.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L91	315	455/86.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L92	124	455/87.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L93	544	455/118.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L94	121	455/147.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L95	75	455/148.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L96	173	455/165.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L97	287	455/183.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L98	1017	455/323.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L99	450	455/324.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13
L100	1	"5526377".pn.	US-PGPUB; USPAT	OR	ON	2010/04/26 10:13

### EAST Search History (I nterference)

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**4/ 26/ 2010 10:19:12 AM**

**H:\ EAST\ Workspaces\ 10572725\_direct\_conversion\_front\_end\_transceiver.wsp**